



# PL200

## Smart 4G Personal Tracker

The PL200 is a small and light 4G tracker for mobile workforce management. Its IP65 rated enclosure makes it suitable for carrying around in almost all weather. On a single charge, the device can operate for up to five days by switching between step-count-based and timing modes. Furthermore, the two-way voice calls, whitelist settings and step counter make it an ideal solution for managing lone workers like sanitation workers, street cleaners and security guards.



Sanitation Worker



Street Cleaner



Security Guard



### Two-Way Communication

Enable workers to make speed-dials to two important contacts with this device.



### LTE & GSM Network

Stable communication via IoT-specific 4G LTE networks with 2G fallback.



### Panic Button

Enable workers to ask for immediate help with a single press.



### GPS & BDS & LBS Positioning

A synergy of multiple positioning systems ensures the location to be accurately displayed on the cloud platform.



### Remote Listen-in

Inconspicuous mic allows for remote audio monitoring of the environment around the device.



### Multiple Working Modes

Configurable working modes according to your actual demands.



### Multiple Alerts

Instant alerts for specific events such as device power-on or shutdown, low battery, SIM card change, etc.



### Step Counter

A step can wake up the device to continuously count the steps taken and upload the data to the cloud platform.

## Standard Configuration

### Positioning & Location

<b>Technology</b>	GPS, BDS, LBS, BLE, WiFi
<b>Accuracy</b>	< 2.5m CEP
<b>Tracking sensitivity</b>	-165dBm
<b>Acquisition sensitivity</b>	-148dBm
<b>TTF (open sky)</b>	Avg. hot start < 1sec; Avg. cold start < 32sec

### Cellular

<b>Technology</b>	4G Cat 1, GSM
<b>Frequency</b>	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28 GSM: 850/900/1800/1900 MHz

### Power

<b>Battery</b>	2,000mAh/3.7V industrial-grade Li-Polymer battery (rechargeable)
<b>Working modes</b>	Mode 0: Step-count-based mode Mode 1: Timing mode
<b>Battery life</b>	Up to 5 days

### Operating environment

<b>Operating temperature</b>	-20°C to +60°C
<b>Operating humidity</b>	5% to 95%, non-condensing
<b>IP rating</b>	IP65

### Interface

<b>LED indication</b>	Power (Red), Notice (Green)
<b>SIM</b>	Nano-SIM
<b>Memory capacity</b>	1000 GPS data entries
<b>Button</b>	2*functional buttons; 1*panic button
<b>USB</b>	Magnetic
<b>GNSS antenna</b>	Internal
<b>Bluetooth antenna</b>	Internal

### Feature

<b>Voice monitoring range</b>	N/A
<b>Sensors</b>	Accelerometer Power-on alert, Shutdown alert, Low battery alert, SOS alert, SIM card change alert, Geo-fence entry & exit alert
<b>Scenarios</b>	
<b>Specialties</b>	Speaker, Microphone
<b>Bluetooth</b>	BLE 5.0
<b>RFID</b>	N/A
<b>Mount method</b>	Lanyard
<b>Configuration support</b>	SMS, Online command
<b>Certification</b>	FCC

### Physical specification

<b>Dimensions</b>	105.0 x 62.0 x 13.0mm
<b>Weight</b>	81g

## Standard Packing

<b>PL200 unit</b>	1
<b>Charging cable</b>	1
<b>Lanyard</b>	1
<b>Name card</b>	1

## Optional Configuration\*

N/A

\*Optional Configuration required to be customized or purchased separately.